

Amendments to the Claims

The following listing of claims will replace all prior versions and listings of claims in the above-identified patent application.

Listing of claims

- 1-6 (Canceled)
7. (Currently amended) A tape ribbon cartridge for a dot matrix printer with ink capacity indicator comprising:
- a) a housing;
 - b) an ink ribbon contained disposed within the housing; and
 - c) a printer readable resistive ink identifier disposed upon the housing, the resistive ~~value of the ink~~ identifier having a resistive value corresponding to at least one characteristic of the ink ribbon, the resistive value being utilizable to define at least one printer operational parameter in correlation to the characteristic of the ink ribbon.
8. (Original) The tape ribbon cartridge of Claim 7, wherein the resistive ink identifier is silk-screened onto the housing.
9. (Original) The tape ribbon cartridge of Claim 7, wherein the resistive ink identifier is printed onto a label disposable onto the housing.
10. (Original) The tape ribbon cartridge of Claim 7, wherein the resistive ink identifier is color coded to indicate at least one characteristic of the ink ribbon.
- Claims 11-23 (Canceled)
24. (Previously presented) The cartridge as recited in Claim 7 wherein the resistive value of the resistive ink identifier corresponds to the length of the ink ribbon.
25. (Previously presented) The cartridge Claim 7 wherein the resistive value of the resistive ink identifier corresponds to the ribbon material disposed in the ink cartridge.
26. (Previously presented) The cartridge as recited in Claim 7 wherein the resistive value of the resistive ink identifier corresponds to a material of the ink ribbon disposed in the ink cartridge.
27. (Previously presented) The cartridge as recited in Claim 7 wherein the resistive value of the resistive ink identifier is a function of a physical characteristic of the identifier.

28. (Previously presented) The cartridge as recited in Claim 27 wherein the resistive value of the resistive ink identifier is a function of the length of the identifier.
29. (Previously presented) The cartridge as recited in Claim 27 wherein the resistive value of the resistive ink identifier is a function of the width of the identifier.
30. (Previously presented) The cartridge as recited in Claim 27 wherein the resistive value of the resistive ink identifier is a function of material used to form the identifier.
31. (Previously presented) The cartridge as recited in Claim 7 wherein the resistive ink identifier is silk screened onto an exterior surface of the ink cartridge.
32. (Previously presented) The cartridge as recited in Claim 7 wherein the resistive ink identifier is applied to a label that is adhered to the ink cartridge.
33. (Previously presented) The cartridge as recited in Claim 7 wherein the cartridge is engagable to a printer to regulate printer operation in response to the resistive value of the identifier.
34. (New) The cartridge of Claim 7 wherein the resistive value of the resistive ink identifier is fixed, the fixed resistive value correlating to the printer operational parameter for the ink ribbon.
35. (New) The cartridge as recited in Claim 7 wherein the operational parameter is selected from the group consisting of stroke length, impact force, pulse width, relative ink density, length of the ink ribbon, and number of key strokes.
36. (New) The cartridge of Claim 7 wherein the operational parameter includes stroke length.
37. (New) The cartridge of Claim 7 wherein the operational parameter includes impact force.
38. (New) The cartridge of Claim 7 wherein the operational parameter includes pulse width.
39. (New) The cartridge of Claim 7 wherein the operational parameter includes relative ink density.
40. (New) The cartridge of Claim 7 wherein the operational parameter includes length of the ink ribbon.

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41. (New) The cartridge of Claim 7 wherein the operational parameter includes number of key strokes.